

COUNTY OF SAN DIEGO HEALTH & HUMAN SERVICES AGENCY EMERGENCY MEDICAL SERVICES



COUNTY OF SAN DIEGO EMERGENCY MEDICAL SERVICES POLICY/PROCEDURE/PROTOCOL

SUBJECT: PEDIATRIC TREATMENT PROTOCOL - BURNS

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Date: 07/01/2018

BLS ALS

- Move to a safe environment
- Break contact with causative agent
- Ensure patent airway
- O₂ saturation prn
- O₂ and/or ventilate prn
- Treat other life-threatening injuries
- Carboxyhemoglobin monitor prn

Thermal Burns:

- Burns of <10% BSA, stop burning with non-chilled saline or water.
- For burns of >10% BSA, cover with dry dressing and keep warm.
- Do not allow patient to become hypothermic.

Chemical Burns:

- Brush off dry chemicals
- Flush with copious water

Tar Burns:

- o Cool with water
- Transport
- o Do not remove tar

Inhalation of smoke/gas/toxic substance:

- Move patient to safe environment
- o 100% O2 via mask
- Consider transport to facility with hyperbaric chamber for suspected carbon monoxide poisoning for unconscious or pregnant patient

- Monitor EKG for significant electrical injury and prn
- IV/IO SO adjust prn
- Treat pain as per Pain Management Protocol S-173

For patients with ≥10% partial thickness or ≥5% full thickness burns:

5-14 vo:

- $_{\odot}$ 250 ml fluid bolus IV/IO then TKO \underline{SO} <5 yo:
- o 150 ml fluid bolus IV/IO then TKO SO

In the presence of respiratory distress with bronchospasm:

 Albuterol per drug chart via nebulizer <u>SO</u>. MR <u>SO</u>

Respiratory distress with stridor:

- o Epinephrine 1:1,000 per drug chart via nebulizer SO. MR x1 <u>SO</u>
- o Epinephrine 1:1,000 per drug chart IM <u>SO</u> MR x2 q5 minutes <u>SO</u>

Base Hospital Contact and Transport (Per S-415):

Will be made to UCSD Base Hospital for patients meeting burn center criteria

BURN CENTER CRITERIA

Patients with burns involving:

- >10% BSA partial thickness or >5% BSA full thickness
- Suspected respiratory involvement or significant smoke inhalation in a confined space
- o Injury of the face, hands, feet, perineum, or circumferential
- Electrical injury due to high voltage (greater than 120 volts)

Disposition:

Consider hyperbaric chamber for suspected CO poisoning in unconscious or pregnant patient.